

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B26/12 G02B27/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	EP 0 653 877 A (XEROX CORP) 17 May 1995 (1995-05-17) column 4, line 19 - column 5, line 14; figure 3	1-3,7,12 4-6,8
X A	US 4 213 157 A (DEBENEDICTIS LEONARD C ET AL) 15 July 1980 (1980-07-15) column 3, line 42 - column 4, line 58 column 5, line 51 - line 57 column 6, line 42 - line 49; figures 1A-1C	1,2,12 9-11
A	US 4 960 312 A (RAZZAGHI MAHMOUD) 2 October 1990 (1990-10-02) column 1, line 7 - line 12 column 3, line 48 - column 6, line 8; figures 1-4	1,2,9, 12-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* document member of the same patent family

Date of the actual completion of the international search

23 July 2004

Date of mailing of the international search report

03/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Besser, V

INTERNATIONAL SEARCH REPORT

national Application No
T/IB2004/050278

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 351 011 A (PHILIPS NV) 17 January 1990 (1990-01-17) cited in the application abstract column 8, line 6 - line 14; figures 2a,2b -----	1,12-15

INTERNATIONAL SEARCH REPORT
Information on patent family members

International Application No

T/IB2004/050278

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0653877	A	17-05-1995	US	5543825 A	06-08-1996
			CA	2132471 A1	18-05-1995
			DE	69428568 D1	15-11-2001
			DE	69428568 T2	06-06-2002
			EP	0653877 A1	17-05-1995
			JP	7191270 A	28-07-1995
<hr/>					
US 4213157	A	15-07-1980	CA	1122260 A1	20-04-1982
			DE	3068332 D1	02-08-1984
			EP	0014548 A2	20-08-1980
			JP	55105219 A	12-08-1980
<hr/>					
US 4960312	A	02-10-1990	AU	6545090 A	16-05-1991
			WO	9106027 A1	02-05-1991
<hr/>					
EP 0351011	A	17-01-1990	DE	68912008 D1	17-02-1994
			DE	68912008 T2	21-07-1994
			EP	0351011 A1	17-01-1990
			JP	2084612 A	26-03-1990
			JP	2920194 B2	19-07-1999
			US	5013108 A	07-05-1991